

StarStran® 582

CHOPPED STRANDS

Product description:

StarStran® 582 is used as reinforcement for polyamides in engineered thermoplastics and unsaturated polyester resins in BMC applications. StarStran® 582 is designed for high shear environment used compounding and injection molding. It is produced by chopping E glass fibers coated with a silane based sizing and available in 4.5mm, 6mm and 12 mm lengths.

Resin compatibility:

- Polyamides (PA6, PA6.6)
- Unsaturated polyester

Benefits:

- Good processing characteristics
- Optimum fiber distribution
- High mechanical properties
- Excellent flow characteristics
- High resistance to shear



Designation: Glass Type is E-Glass

JM Designation	Region	Filament diameter (µm)	Sizing designation	Chopped strands length (mm)
StarStran® 582 10 4.5 mm	EU	10.5	582	4.5
StarStran® 582 10 3 mm		10.5		3
StarStran® 582 15 6 mm		15		6
StarStran® 582 15 12 mm		15		12

Technical Data:

JM Designation	Region	Sizing	LOI content (%) ISO 1887	Moisture content Max. (%) ISO 3344	Bulk density Min. (g/l) ISO 15100
StarStran® 582 10 4.5 mm	EU	Silane	0.4 - 0.8	0.10	480
StarStran® 582 10 3 mm		Silane	0.4 - 0.8		480
StarStran® 582 15 6 mm		Silane	0.4 - 0.8		480
StarStran® 582 15 12 mm		Silane	0.4 - 0.8		-

Packaging:

Region	Packaging Type	Pallet dimensions (mm)	Net Weight per pallet (kg)	Bags per pallet (20 kg bags)
EU	PE bags in cardboard box	1200 x 880	800 - 1000	32 - 42
EU	Octabin and Big Bags	1140 x 1140	1000	1

Other packaging types upon request

Storage:

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (50°F to 86°F) at relative air humidity between 50% to 75%. The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit.

Values:

All data represent typical average values.

Warranty disclaimer :

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.

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